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REPORT ON THE WILLIAM S. VAUX COLLECTIONS.

The Curator of the William S. Vaux Collections would respectfully report that a rough list of all the species in the collection, with the number of specimens in each, has been prepared, and that a fair copy of it is being transcribed in a book to be kept as a catalogue. In addition to this, a large number of labels have been corrected. The additions to the collection have numbered but twenty-seven, but some of them are very fine specimens, particularly two of barite, one of fluorite and one of rhodochrosite, said to be the finest ever found.

A great deal more time than the present Curator can possibly give to it, ought to be spent upon this valuable collection to make it as nearly perfect as possible. He desires to acknowledge the valuable assistance of Mr. George Vaux, Jr., in the procuring of specimens, and in advice, and of Mr. S. Harbert Hamilton in the cataloguing, etc.

Respectfully submitted,

THEODORE D. RAND,

Curator.

REPORT OF THE BIOLOGICAL AND MICROSCOPICAL SECTION.

The Section has held ten meetings during the year with the usual average attendance.

A large Beck binocular microscope, with outfit of numerous objectives and accessories, was received by bequest, for the use of the Section, from the late Dr. Joseph J. Kirkbride.

Numerous communications were made during the year, and the following papers and communications were presented at the meetings of the Academy:

“ Evolution of the Microscope,” by Dr. J. Cheston Morris.

“ Diatomaceous Deposits at the Mouth of Pensauken Creek,” by Messrs. Lewis Woolman and C. S. Boyer.

“ Nematode Worms,” and “ The Oyster Crab,” by Dr. Benjamin Sharp.

“ Sewage Poisons,” by Mr. Holman.

“ Parasites of the Oyster,” by Mr. T. S. Parvin.

“ On the Structure of Diatoms,” by Mr. T. C. Palmer.